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By Col NARA. Date 7/3/71

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Ser. 0062CCS-1

22 JAN 1962

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From: Commandant
To: Senior Coast Guard and Merchant Marine Detail Officer, Europe
Subj: LORAN-C briefing

1. The below summary is forwarded for information:

(a) An addition to the Norwegian Sea LORAN-C chain is in the planning stage and it is anticipated the station will be operational 1 July 1962. This slave station will be located on the island of Sylt, FRG, on the western German-Danish border and is carried under a code name of DART-2. Delays have been occasioned in meeting a 1 January 1962 DOD on-air date because of delay in completing a United States-Federal Republic of Germany agreement covering this operation, frequency interference problems, and the proposal and withdrawal of several sites by the FRG. Operation of this station will ultimately be by host-nation personnel supplemented by Coast Guard technical advisors.

LT Wiman of Headquarters (ECW) staff is presently in Kiel working with FRG designers developing plans and specifications. Construction will be by German contractor; tower procurement and erection as well as electronics equipment including spares are a U. S. Coast Guard responsibility.

Upon activation of this station, the Norwegian Sea chain will change system pulse recurrence rate from SL6 to SLO. Details of this project are under the cognizance of CDR Clyde L. OLSON, USCG, Liaison Officer, Northern Europe.

(b) LORAN-C Transmitting Station, Estartit, Spain.

Estartit was placed on the air for test purposes on 12 October 1961. On 23 November 1961, USCINCEUR advised that France reported harmful interference allegedly caused by a station in Eastern Spain. Calibration of LORAN-C in the Mediterranean area was scheduled for the period 1-24 December 1961 utilizing Coast Guard aircraft.

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On 2 December 1961 test transmissions were suspended pending resolution of the reported interference. The scheduled calibration was therefore postponed for an indefinite period.
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OFFICE OR DIVISION DESIGNATORS	On 8 December 1961, CDR L. E. Brunner and Mr. Joe Stewart met in Paris with members of the French ITT. The major complaint of interference centered on the frequencies 93 and 109 KC/S within band 90-110 KC/S.
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It was agreed at this meeting that a mutually satisfactory solution would have to be found and that this would necessitate discussions with representatives of neighboring PTT administrations. These discussions are scheduled for early in February.

As a result of a meeting on 14 December 1961 between representatives of CNO, DOD (ISA) and the Commandant, it was decided that a 30 day monitoring period would be undertaken. The French PTT was requested to agree to a 30 day test at Estartit with transmissions limited to the periods 1130-1500 GMT and 2300-0300 GMT, for monitoring and the collection of technical data. The French PTT finally agreed to test transmissions during the hours specified above on 17, 18, and 19 January 1962; however, after commencement of the tests and due to reported interference each test period was reduced to two hours. Upon completion of these tests further meetings will be held in Paris on 24 January 1962.

The following will attend the 24 January meeting in Paris:

CAPT F. J. Scheiber, CG HEADQUARTERS
CDR Bob Kirsten, CG Headquarters
CDR H. S. Pearson, XO, Commander, Mediterranean Section
CDR C. L. Olson, CO, CGLONE
Mr. Joe Stewart, CG Headquarters

W. C. CAPRON
Deputy Chief of Staff

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DIRECTIVE CLEARANCE SHEET

FJSCHIEBER: lwi 22 Jan 1962

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